

3 feet  
4 feet  
5 feet  
7 feet

T&B

3 5  $\times 2$   
4

$\left(\frac{b \times h}{2}\right) \times 2$   
 $\left(\frac{4 \times 3}{2}\right) \times 2$   
 ~~$\times 2$~~   
 $= 12 \text{ ft}^2$

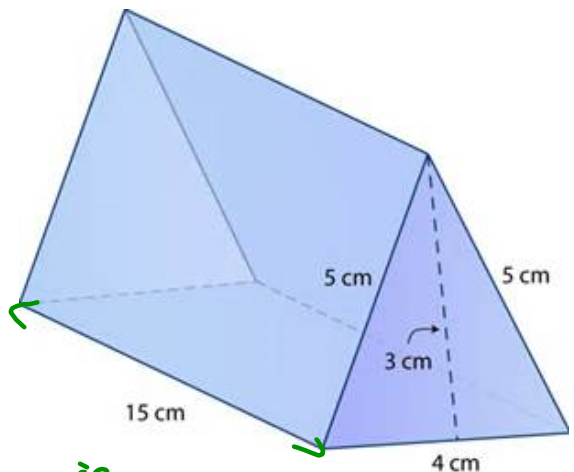
7  $\boxed{21}$  7  $\boxed{35}$  7  $\boxed{28}$   
3 5 4

12  
21  
35  
28  

---

96  $\text{ft}^2$

Nov 30-2:07 PM



5 cm  
5 cm  
3 cm  
4 cm  
15 cm

T&B

~~3~~ ~~5~~  $\rightarrow 3 \text{ cm}$   
4

15  $\boxed{75 \text{cm}^2}$  15  $\boxed{75 \text{cm}^2}$  15  $\boxed{60 \text{cm}^2}$   
5 5 4

$\left(\frac{b \times h}{2}\right) \times 2$   
 $\left(\frac{4 \times 3}{2}\right) \times 2$   
 ~~$\times 2$~~   
 $= 12 \text{ cm}^2$

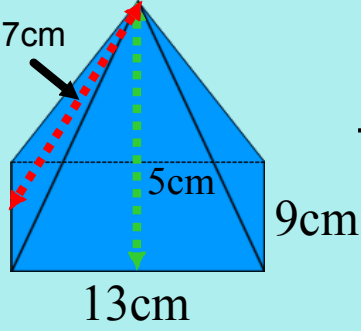
12  
75  
75  
60  

---


222  $\text{cm}^2$

Nov 30-2:07 PM

*Calculate the surface area of the following 3D-Shape.*



**Bottom**



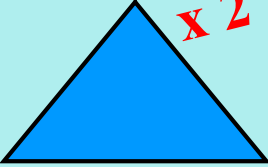
$$A = L \times W$$

$$A = 13 \times 9$$

$$A = 117 \text{ cm}^2$$


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**Front & Back**  $\times 2$



$$A = 2 \left( \frac{b \times h}{2} \right)$$

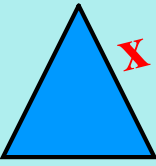
$$A = 2 \left( \frac{13 \times 5}{2} \right)$$

$$A = 2(65 \times 2)$$

$$A = 65 \text{ cm}^2$$


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**Sides**  $\times 2$



$$A = 2 \left( \frac{b \times h}{2} \right)$$

$$A = 2 \left( \frac{9 \times 7}{2} \right)$$

$$A = 2(126/2)$$

$$A = 63 \text{ cm}^2$$


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**Total Surface Area = 117 + 65 + 63**  
**= 245 cm<sup>2</sup>**

May 11-5:54 PM

## Attachments

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Methods\_of\_Determining\_Probability.asf

The\_Many\_Sided\_World\_of\_Geometry\_\_Program\_6\_\_Figuring\_Out\_Area.asf